Table VII- A S-1 Through S-10 - Fixed Roof Tanks

Type of	Citation of	FE	Periods of		Monitoring	Monitoring Frequency	
Limit	Limit	Y/N	Deviation	Limit	Requirement Citation	(P/C/N)	Monitoring Type
POC	BAAQMD 8-5-303.1	Y	None	PV valve set pressure within 10% of working pressure or at least 0.5 psig	BAAQMD 8-5-403	P/SA	Inspection
POC	BAAQMD 8-5-303.2	Y	None	gas tight (< 500 ppm) except when operating pressure exceeds the valve set pressure	BAAQMD 8-5-403	P/SA	Inspection
POC	BAAQMD 8- 5-306	Y	10/31/13 - NTC 43903, S- 1,2,3,5,7,9,10	Controlled ≥ 95% weight	BAAQMD Condition # 1253, part IV, Section 3b	C/A	Continuous Temperature Monitor and Source Test
POC	BAAQMD 8- 5-328.1.2	Y	None	Tank cleaning ≥ 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test
POC	Subpart K 40 CFR 60.112(a) (1)	Y	None	Vapor Recovery System	Subpart K 40 CFR 60.113(d) (2)	None	None
POC	BAAQMD Condition # 1253, part 1B	Y	None	94.811 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
POC	BAAQMD Condition # 1253, part IIID	Y	None	1.44 pounds/1000 barrels	BAAQMD Condition # 1253, part IV, Section 3	С	Continuous Temperature Monitor and Source Test
POC	BAAQMD Condition # 1253, part IID	Y	None	1400F in outlet or as determined by source test	BAAQMD Condition # 1253, part IID.i	С	Temperature Montoring

### Table VII - B S-11 - Fixed Roof Tanks

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-303.1	Y	None	PV valve set pressure within 10% of working pressure or at least 0.5 psig	BAAQMD 8-5-403	P/SA	Inspection
POC	BAAQMD 8-5-303.2	Y	None	gas tight (< 500 ppm) except when operating pressure exceeds the valve set pressure	BAAQMD 8-5-403	P/SA	Inspection
POC	BAAQMD Condition # 1253, part 1B	Y	None	94.811 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
POC	BAAQMD Condition # 1253, part IID	Y	None	1400F in outlet or as determined by source test	BAAQMD Condition # 1253, part IID.i	С	Temperature Monitoring

Table VII - C S-12, S-18, and S-19 - Fixed Roof Tanks

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviations	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-303.1	Y	None	PV valve set pressure within 10% of working pressure or at least 0.5 psig	BAAQMD 8-5-403	P/SA	Inspection
POC	BAAQMD 8-5-303.2	Y	None	gas tight (< 500 ppm) except when operating pressure exceeds the valve set pressure	BAAQMD 8-5-403	P/SA	Inspection
POC	BAAQMD 8- 5-306	Y	None	Controlled ≥95% weight	BAAQMD Condition # 1253, part IV, Section 3b	C/A	Continuous Temperature Monitor and Source Test
POC	BAAQMD 8- 5-328.1.2	Y	None	Tank cleaning ≥ 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test
POC	BAAQMD Condition # 1253, part 1B	Y	None	94.811 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
POC	BAAQMD Condition # 1253, part IIID	Y	None	1.44 pounds/1000 barrels	BAAQMD Condition # 1253, part IV, Section 3	C/A	Continuous Temperature Monitor and Source Test
NOx	BAAQMD Condition # 1253, part IB	Y	None	129.5 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
NOx	BAAQMD Condition # 1253, part IIID, schedule D	Y	None	9.68 lb/day plus 0.1744 pounds/1000 barrels	None	None	Source test
со	BAAQMD Condition # 1253, part IB	Y	None	52.2 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
SO2	BAAQMD Condition # 1253, part IB	Y	None	83.5 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
FP	BAAQMD Condition # 1253, part IB	Y	None	25.8 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
POC	BAAQMD Condition # 1253, part IID	Y	None	1400F. in outlet or as determined by source test	BAAQMD Condition # 1253, part IV, Section 3	С	Temperature Monitoring

	Table VII – D S-13, S-14, S-15, S-16 – External Floating Roof Tanks										
Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type				
POC	BAAQMD 8-5-320.3.1	Y	None	Gasketed cover, seal or lid with gap ≤ 0.32 cm (1/8 in)	BAAQMD 8-5-401.2, 8-5-404	P/twice/yr	Inspection Certification				
	BAAQMD 8-5-320.4.2	Y	None	Well with cover, seal or lid with gap ≤ 0.32 cm (1/8 in)	BAAQMD 8-5-401.2, 8-5-404	P/twice/yr	Inspection Certification				
	BAAQMD 8-5-320.4.3	Y	None	Gap between well and roof less than 1.3 cm (1/2 in)	BAAQMD 8-5-401.2, 8-5-404	P/twice/yr	Inspection Certification				

## Pacific Atlantic Terminals – Martinez Terminal – Facility #A7034

Semi-Annual Monitoring Report Period: 1 SEP 13 Through 28 FEB 14

Table VII – D S-13, S-14, S-15, S-16 – External Floating Roof Tanks										
Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type			
POC	BAAQMD 8-5-320.5.2	Y	None	Well with cover gasket, a pole sleeve, pole wiper, and internal float with gap ≤ 1.3 cm (1/2 in), or zero gap pole wiper seal	BAAQMD 8-5-401.2, 8-5-404	P/twice/yr	Inspection Certification			
	BAAQMD 8-5-320.5.3	Y	None	Gap between well and roof less than 1.3 cm (1/2 in)	BAAQMD 8-5-401.2, 8-5-404	P/twice/yr	Inspection Certification			
POC	BAAQMD 8- 5-321.3	Y	None	Primary seal metallic shoe extends a minimum 61 cm (24 in) above liquid surface	BAAQMD 8-5-401.1, 8-5-404	P/twice/yr	Inspection Certification			
POC	BAAQMD 8- 5-321.3.1	Y	None	Gap between shoe and tank shell is no greater than 46 cm (18 in)	BAAQMD 8-5-401.1, 8-5-404	P/twice/yr	Inspection Certification			
POC	BAAQMD 8- 5-321.3.2	Y	None	Gap between tank shell and the primary seal < 3.8 cm (1 1/2 in). No continuous gap > 0.32 cm ((1/8 in) shall exceed 10% of circumference. The cumulative length of all seal gaps exceeding 1.3 cm (1/2 in) < 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) < 40% of circumference	BAAQMD 8-5-401.1, 8-5-404	P/twice/yr	Inspection Certification			
POC	BAAQMD 8- 5-322.2	Y	None	Secondary seal shall allow insertion up to 3.8 cm (1 ½ in) in width	BAAQMD 8-5-401.1, 8-5-404	P/twice/yr	Inspection Certification			
POC	BAAQMD 8- 5-322.3	Y	None	Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	BAAQMD 8-5-401.1, 8-5-404	P/10 yr P/twice/yr	Inspection Certification			
POC	Subpart K 40 CFR 60.112(a) (1)	Y	None	Floating Roof requirement	40 CFR 60.113(a),(b),(c)	None	Records			
POC	BAAQMD Condition # 1253, part 1B	Y	None	94.811 tpy for all sources	BAAOMD Condition # 1253, part IIID	P/A	Records			

### Table VII - F S-21 – Marine Vessel Wharf

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-44-304	Y	None	POC Emission ≤ 5.7 grams per cubic meter (2 lb/1000 barrel) loaded, or emission control > 95%	BAAQMD Condition # 1253, part IV, Section 3c	C/A	Continuous Temperature Monitor and Source Test

### Table VII - F S-21 - Marine Vessel Wharf

Type of Limit POC	Citation of Limit SIP	FE Y/N Y	Periods of Deviation None	Limit POC Emission ≤ 5.7	Monitoring Requirement Citation BAAOMD Condition #	Monitoring Frequency (P/C/N) C/A	Monitoring Type Continuous
POC	BAAQMD 8-44-301.1	'	None	grams per cubic meter (2 lb/1000 barrel) loaded, or	1253, part IV, Section 3c		Temperature Monitor and Source Test
POC	SIP BAAQMD 8-44.301.2	Y	None	Controlled ≥ 95% Weight	BAAQMD Condition # 1253, part IV, Section 3c	C/A	Continuous Temperature monitor and Source Test
POC	Subpart Y 40 CFR 63.562(c) (2)(iii)	Y	None	Vapor tight	40 CFR 63.563(a)(4)	P/A	Leak test
POC	Subpart Y 40 CFR 63.562(c) (3)	Y	None	RACT existing source, controlled ≥ 98% weight by combustion device	40 CFR 63.563(b)(6)(i)(A), 63.564(a)(3)	C/A	Continuous Temperature Monitor and Source Test
POC	Subpart Y 40 CFR 63.562(c) (4)	Y	None	VOC <u>&lt;</u> 1000 ppmv	40 CFR 63.564(g)(1), BAAQMD Condition # 1253, part IV, Section 3c	C/A	Continuous Temperature Monitor and Source Test
POC	BAAQMD Condition # 1253, part 1B	Y	None	94.811 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
POC	BAAQMD Condition # 1253 part IV, section 2	Y	None	95% controlled efficiency or 2 lb/ 1000 barrels of gasoline loaded	BAAQMD Condition # 1253, part IV, Section 2	C/A	Continuous Temperature Monitor and Source Test
POC	BAAQMD Condition # 1253 part IV, section 7	Y	None	Operating temperature ≥ 1400°F unless modified by the District, based on source test results	BAAQMD Condition # 1253, part IV, Section 3c	С	Continuous temperature monitor
POC	BAAQMD Condition # 1253 part IV, section 9	Y	None	Loading pressure shall not exceed 80% of the lowest relief valve set pressure	None	None	Inspection
SO2	BAAQMD Regulation 9-1-303	Y	None	SO2 < 2000 ppm, or Sulfur < 3.34% by weight	BAAQMD Condition # 1253, part IIID, schedule F	P/Q	Analysis reports
Temperat ure limit	BAAQMD Condition #1253, part IID	Ÿ	None	1400F in outlet or as determined by source test	BAAQMD Condition # 1253, part IV, Section 3	С	Temperature monitoring

Table VII – G S-23, S-24 – Oily Water Separators

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD Condition # 1253, part 1B	Y	None	94.811 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records

Table VII – G S-23, S-24 – Oily Water Separators

				,			
1			Periods			Monitoring	
Type of	Citation of	FE	of		Monitoring	Frequency	
Limit	Limit	Y/N	Deviation	Limit	Requirement Citation	(P/C/N)	Monitoring Type
POC	BAAQMD	Y	None	<1/8" gap on OWS	NA	Р	Inspection
	8-8-301.1			•			

Table VII – H S-27, and S-28 - Fixed Roof Tanks

Type of	Citation of	FE Y/N	Periods of Deviation	S-27, and S-28 - Fixed I	Monitoring	Monitoring Frequency (P/C/N)	Manitoring Type
Limit POC	BAAQMD 8-5-303.1	Y	None	PV valve set pressure within 10% of working pressure or at least 0.5 psig	Requirement Citation BAAQMD 8-5-403	P/SA	Monitoring Type Inspection
POC	BAAQMD 8-5-303.2	Y	None	gas tight (< 500 pprn) except when operating pressure exceeds the valve set pressure	BAAQMD 8-5-403	P/SA	Inspection
POC	BAAQMD 8- 5-306	Y	10/31/13, NTC 43903, S-27	Controlled ≥ 95% weight	BAAQMD Condition # 1253, part IV, Section 3b	C/A	Continuous Temperature Monitor and Source Test
POC	BAAQMD 8- 5-328.1.2	Y	None	Tank cleaning ≥ 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test
POC	Subpart Ka 40 CFR 60.112(a) (a)(3)	Y	10/31/13, NTC 43903, S-27	Controlled ≥ 95%	N	N	None
POC	BAAQMD Condition # 1253, part 1B	Y	None	94.811 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
POC	BAAQMD Condition # 1253, part IIID	Y	None	1.44 pounds/1000 barrels	BAAQMD Condition # 1253, part IV, Section 3	C/A	Continuous Temperature Monitor and Source Test
NOx	BAAQMD Condition # 1253, part IB	Y	None	129.5 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records .
NOx	BAAQMD Condition # 1253, part IIID, schedule D	Y	None	9.68 lb/day plus 0.1744 pounds/1000 barrels	None	C/A	Continuous Temperature Monitor and Source Test
co	BAAQMD Condition # 1253, part IB	Ŷ	None	52.2 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
SO2	BAAQMD Condition # 1253, part IB	Υ	None	83.5 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
FP	BAAQMD Condition # 1253, part IB	Y	None	25.8 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
POC	BAAQMD Condition # 1253, part IID	Y	None	1400F in outlet or as determined by source test	BAAQMD Condition # 1253, part IV, Section 3	С	Temperature monitoring

### Table VII - I S-73 – Direct Fired Heater

			<u>_</u>	S-73 – Direct Fired	neater	** ** *	<del></del>
Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Usage	BAAQMD Condition # 13720, part 1	Y	None	Natural gas < 90 M SCF/ 12 months	BAAQMD Condition # 13720, part 6	P/M	Flow meter
SO2	BAAQMD Regulation 9-1-301	Y	None	GLC > 0.5 ppm continuously for 3 consecutive minutes or 0.25 ppm averaged over 60 consecutive minutes or 0.05 ppm averaged over 24 hrs	None	N	None
SO2	SIP BAAQMD Regulation 9-1-302	Y	None	<300 ppm SO2, dry	None	N	None
SO2	SIP BAAQMD Regulation 9-1-304	Y	None	≤0.5% by weight, fuel sulfur concentration	BAAQMD Condition # 13720, part 7	P/E	Sulfur certification or analysis
SO2	BAAQMD Condition # 1253, part IB	Y	None	83.5 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A .	Records
SO2	BAAQMD Condition # 1253, part IIID, schedule D	Y	None	0.6 lb/MM cu ft of natural gas burned	BAAQMD Condition # 13720, part 7	P/E	Sulfur certification or analysis
NOx	BAAQMD Regulation 9-7-301.1	N	None	30 ppmv dry, @ 3% O2	BAAQMD Condition # 13720, part 5	P/A	Source Test
NOx	BAAQMD Regulation 9-7-305.1	N	None	150 ppmv dry, @ 3% O2	BAAQMD Condition # 13720, part 5	P/A	Source Test
NOx	BAAQMD Regulation 9-7-306.1	N	None	150 ppmv dry, @ 3% O2	BAAQMD Condition # 13720, part 5	P/A	Source test
NOx	BAAQMD Condition # 1253, part IB	Y	None	129.5 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
NOx	BAAQMD Condition # 1253, part IIID, schedule D	Y	None	100 lb/MM cu ft of natural gas burned	BAAQMD Condition # 1253, part IIID	P/A	Records
NOx	BAAQMD Condition # 13720, Part 2	Y	None	20 ppm @ 3% O2	BAAQMD Condition # 13720, part 5	P/A	Source Test
СО	BAAQMD Regulation 9-7-301.2	Ν	None	400 ppmv dry, @ 3% CO2	BAAQMD Condition # 13720, part 5	P/A	Source Test
со	BAAQMD Regulation 9-7-305.2	N	None	400 ppmv dry, @ 3% CO2	BAAQMD Condition # 13720, part 5	P/A	Source Test

### Pacific Atlantic Terminals – Martinez Terminal – Facility #A7034 Semi-Annual Monitoring Report

Period: 1 SEP 13 Through 28 FEB 14

### Table VII - I S-73 - Direct Fired Heater

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
со	BAAQMD Regulation 9-7-306.2	N	None	400 ppmv dry, @ 3% CO2	BAAQMD Condition # 13720, part 5	P/A	Source Test
со	BAAQMD Condition # 1253, part IB	Υ	None	52.2 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
СО	BAAQMD Condition # 1253, part IIID, Schedule D	Y	None	84 lb/MM cu ft of natural gas burned	BAAQMD Condition #1253, part IIID	P/A	Records
со	BAAQMD Condition # 13720, part 3	Y	None	50 ppmv @ 3 % O2	BAAQMD Condition # 13720, part 5	P/A	Source test
POC	BAAQMD Condition # 1253, part 1B	Y	None	94.811 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
POC	BAAQMD Condition # 1253, part IIID, schedule D	Y	None	5.5 lb/MM cu ft of natural gas burned	BAAQMD Condition # 1253, part IIID	P/A	Records
FP	BAAQMD 6- 301	Y	None	Visible emission must not be dark or darker than Ringelmann No. 1 for a period of more than 3 minutes in any hour	None	N	N
FP	BAAQMD 6- 304	Y	None	During tube cleaning, visible emissions must not be dark or darker than Ringelmann No. 2 for a period of more than 6 minutes in 24 hours	None	N	N
FP	BAAQMD 6-310.3	Y	None	Particulate Matter < 343 mg per dscm (0.15 gr/dscf) @ 6% oxygen volume	None	N	N
FP	BAAQMD Condition # 1253, part IB	Y	None	25.8 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records

Table VII - J S-74 and S-75 Emergency Diesel Generators

			7-1-0	and 3-75 Emergency D	leact Generatora		
			Periods			Monitoring	
Type of	Citation of	FE	of		Monitoring	Frequency	
Limit	Limit	Y/N	Deviation	Limit	Requirement Citation	(P/C/N)	Monitoring Type
FP	BAAQMD	Υ	None	Ringelmann 2.0	BAAQMD	С	Visible Inspection
	Regulation				Regulation		·
	6-303.1				6-401		ļ
FP	BAAQMD	Y	None	0.15 gr/dscf	None	N	N/A
	Regulation			]			1
<b>1</b>	6-310.1		1				

Table VII - J S-74 and S-75 Emergency Diesel Generators

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
SO₂	BAAQMD Regulation 9-1-301	Y	None	Property Line Ground Level Limits: < 0.5 ppm for 3 minutes and < 0.25 ppm for 60 min. and <0.05 ppm for 24 hours	None '	N	N/A
SO₂	BAAQMD Regulation 9-1-304	Y	None	Fuel Sulfur Limit 0.5%	None	P/M	Vendor Certification
Operating time	BAAQMD Condition # 19308, Part 2	Y	None	100 hours per year	BAAQMD Condition # 19308, Part 4	P/D	Records
Operating Time	ATCM Section 93115, Title 17	Y	None	If gr/bhp-hr>0.40 allows 20 hr/yr; If gr/bhp-hr>0.15 and < 0.40 allows 21-30 hr/yr; If gr/bhp-hr>0.01 and < 0.15 allows 31- 50 hrs/yr; If gr/bhp- hr<0.01 allows 51-100 hrs/yr	ATCM Section 93115, Title 17	P/E	Records

Table VII - K S-76, S-77 and S-78 - Internal Floating Roof Tanks

			Periods	S-77 and S-78 - Internal F		Monitoring	
Type of	Citation of	FE	of Davistics	1 :14	Monitoring	Frequency	Manitorina Tuno
Limit	Limit	Y/N	Deviation	Limit	Requirement Citation	(P/C/N)	Monitoring Type
POC	BAAQMD	Y	None	PSV set within 10% of	BAAQMD	P/twice per	Inspection
	8-5-303.1			max pressure or 25.8	8-5-403 &	year at 4 to 8	Certification
	2112		<b>A</b> 1	mmHg (0.5 psia)	8-5-404	months interval	
POC	BAAQMD	Y	None	Gasket cover ≤ 0.32	BAAQMD	P/twice per	Inspection
	8-320.3.1	1		cm (1/8 in) gap	8-5-402.3 &	year at 4 to 8	Certification
				<del>                                     </del>	8-5-404	months interval	
POC	BAAQMD	Υ	None	Inaccessible opening	BAAQMD	P/twice per	Inspection
	8-320.3.2			no visible gap	8-5-402.3 &	year at 4 to 8	Certification
					8-5-404	months interval	
POC	BAAQMD	Y	None	Solid sampling or	BAAQMD	P/twice per	Inspection
	8-5-320.4.2			gauging wells in	8-5-402.3 &	year at 4 to 8	Ountification
				closed position with	8-5-404	months interval	Certification
				cover, seal or lid ≤			
000	D 4 4 6 4 4 D			0.32 cm (1/8 in)	DA A CAMP	D#-:	I
POC	BAAQMD	Y	None	Solid sampling or	BAAQMD	P/twice per	Inspection
	8-5-320.4.3			gauging wells: Gap	8-5-402.3 &	year at 4 to 8	Ondification
	1			between well and roof	8-5-404	months interval	Certification
				shall be added to gaps		1	
				measured ≤ 1.3 cm			
DO0	DAAOUD	Y	Nana	(1/2 in)	BAAQMD	D/huiss ras	
POC	BAAQMD	Y	None	Slotted sampling or	8-5-402.2 &	P/twice per year at 4 to 8	Inspection
	8-5-320.5.2			gauging wells in	8-5-404	months interval	Certification
				closed position with cover, seal or lid < 1.3	8-5-404	months interval	Certification
	1	l		cover, sear or lid \( \simeq 1.3 \) cm (1/2 in)			
POC	BAAQMD	Y	None	Slotted sampling or	BAAQMD	P/twice per	Inspection
PUC	8-5-320.5.3	<sup>r</sup>	None		8-5-402.2 &	vear at 4 to 8	mspection
	0-0-320.5.3			gauging wells: Gap between well and roof	8-5-404	months interval	Certification
		1		shall be added to gaps	0-5-404	I IIIOIIIII IIII IIII IIII	Certification
				measured < 1.3 cm			
		l .		_			
				(1/2 in)	i	L	

Table VII - K S-76, S-77 and S-78 - Internal Floating Roof Tanks

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-320.6	Y	None	Emergency roof drain with slotted membrane fabric cover ≥ 90% opening area	BAAQMD 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-321.1	Y	None	No holes, tears or other openings in the primary seal fabric	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-321.2	Υ	None	Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-402.1 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3	Y	None	Primary seal metallic shoe extends minimum 61 cm (24 in) for external floating and 18 in for internal Floating Roof tank above liquid surface	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3.1	Υ	None	Gap between shoe and tank shell is no greater than 46 cm (18 in)	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3.2	Y	None	For welded tanks, gap between tank shell and the primary seal < 3.8 cm (1 1/2 in). No continuous gap > 0.32 cm ((1/8 in) shall exceed 10% of circumference. The cumulative length of all seal gaps exceeding 1.3 cm (1/2 in) < 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) < 40% of circumference	BAAQMD 8-5-401, 8-5- 404	P/10 yr P/10 yr	Inspection Certification
	8-5-322.1	Y		other openings  Secondary seal shall	8-5-402.2 & 8-5-404 BAAQMD	year at 4 to 8 months interval	Certification
POC	BAAQMD 8-5-322.2		None	allow insertion up to 3.8 cm (1 ½ in) in width	8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-322.3	Y	None	Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-328.1.1	Y	None	Tank ≥ 75 m³, tank cleaning shall have liquid balancing with ≤ 0.5 psia	None	N	None
POC	BAAQMD 8-5-328.1.2	Y	None	Tank ≥ 75 m³, Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test
POC	Subpart Kb 40 CFR 60.113b (a)(2)	Y	None	No holes, tears or other openings	40 CFR 60.113b(a) (4)	P/A/ E(emptied and degassed)	Inspection
POC	BAAQMD Condition # 1253, part 1B	Y	None	94.811 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records

Table VII - K S-76, S-77 and S-78 - Internal Floating Roof Tanks

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD Condition # 20060, part 1	Y	None	Gasoline or other hydrocarbon liquids throughput < 105 million gal/yr for S-76, 77 and 78	BAAQMD Condition # 20060, part 6	P/M	Records
POC	BAAQMD Condition # 20060, part 2	<b>Y</b>	None	Gasoline or other hydrocarbon liquids throughput < 4.2 million gal/day for S- 76, 77 and 78	BAAQMD # 20060, part 6	P/M	Records
POC	BAAQMD Condition # 20060, part 5	Y	None	S-76, 77, and 78 shall be abated by liquid mounted primary seal, and rim mounted secondary seal	BAAQMD 8-5-303	С	Install internal floating roof
POC	BAAQMD Condition # 20060, part 3	N	None	Benzene concentration < 1.8 % wt.	BAAQMD Condition # 20060, part 3	P/6 months	Sample
% circumfere nce	BAAQMD 8-5-4022	Υ	None	Inspect entire circumference of secondary seal	BAAQMD 8-5-402.2	P/4 times per year	Inspection

Table VII - L S-79 and S-80 - Internal Floating Roof Tanks

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-303.1	Y	None	PSV set within 10% of max pressure or 25.8 mmHg (0.5 psia)	BAAQMD 8-5-403 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-320.3.1	Υ	None	Gasket cover ≤ 0.32 cm (1/8 in) gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-320.3.2	Y	None	Inaccessible opening no visible gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.4.2	Y	None	Solid sampling or gauging wells in closed position with cover, seal or lid ≤ 0.32 cm (1/8 in)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.4.3	Y	None	Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.5.2	Y	None	Slotted sampling or gauging wells in closed position with cover, seal or lid ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-320.5.3	Y	None	Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification

Table VII - L

S-79	and S-80	- Internal	Floating	<b>Roof Tanks</b>
U", U	ana 0-00	- mitoria	1 loading	TOOL LUINS

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-320.6	Y	None	Emergency roof drain with slotted membrane fabric cover ≥ 90% opening area	BAAQMD 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-321.1	Y	None	No holes, tears or other openings in the primary seal fabric	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8-5-321.2	Y	None	Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-402.1 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3	Y	None	Primary seal metallic shoe extends minimum 61 cm (24 in) for external floating and 18 in for internal Floating Roof tank above liquid surface	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8-5-321.3.1	Y	None	Gap between shoe and tank shell is no greater than 46 cm (18 in)	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC POC	BAAQMD 8-5-321.3.2 BAAQMD 8-5-322.1 BAAQMD 8-5-322.2 BAAQMD 8-5-322.3	Y	None None None	For welded tanks, gap between tank shell and the primary seal < 3.8 cm (1 1/2 in). No continuous gap > 0.32 cm ((1/8 in) shall exceed 10% of circumference. The cumulative length of all seal gaps exceeding 1.3 cm (1/2 in) < 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) < 40% of circumference  No holes, tears, or other openings  Secondary seal shall allow insertion up to 3.8 cm (1 ½ in) in width  Gap between tank shell and the	BAAQMD 8-5-401, 8-5-404 8-5-402,2 & 8-5-404 BAAQMD 8-5-402, & 8-5-404 BAAQMD 8-5-402, &	P/10 yr P/10 yr P/10 yr P/10 yr year at 4 to 8 months interval P/10 yr P/10 yr	Inspection Certification  Inspection Certification Inspection Certification Inspection
				secondary seal shall not exceed 1.3 cm (1/2 in)	8-5-404	P/10 yr	Certification
POC	BAAQMD 8-5-328.1	Y	None	Tank ≥ 75 m³, tank degassing until less than 10,000 ppm	None	N	None
POC	BAAQMD 8-5-328.2	Y	None	Tank ≥ 75 m³, Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test
POC	Subpart Kb 40 CFR 60.113b (a)(2)	Y	None	No holes, tears or other openings	40 CFR 60.113b(a) (4)	P/A/ E(emptied and degassed)	Inspection
POC	BAAQMD Condition # 1253, part 1B	Y	None	94.811 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records

Table VII - L S-79 and S-80 - Internal Floating Roof Tanks

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD Condition # 21829, part 1	Y	None	Gasoline or other hydrocarbon liquids throughput < 403.2 million gal/yr for S-79 and 80	BAAQMD Condition # 21829, part 6	P/M	Records
POC	BAAQMD Condition # 21829, part 2	Y	None	Gasoline or other hydrocarbon liquids throughput < 8,558 lb/yr for S-79 and 80	BAAQMD # 21829, part 6	P/M	Records
POC	BAAQMD Condition # 21829, part 3	Y	None	S-79 and 80 shall be abated by liquid mounted primary seal, and rim mounted secondary seal	BAAQMD 8-5-303	С	Install internal floating roof
POC	BAAQMD Condition # 21829, part 4	Z	None	Benzene concentration < 1.4 % wt.	BAAQMD Condition # 21829, part 4	P/6 months	Sample
% circumfere nce	BAAQMD 8-5-4022	Y	None ·	Inspect entire circumference of secondary seal	BAAQMD 8-5-402.2	P/4 times per year	Inspection

Table VII – M

Applicable Limits and Compliance Monitoring Requirements
S-81, S-82, AND S-83 - INTERNAL FLOATING ROOF TANKS

				AND S-83 - INTERNAL FLOATING	ROOF TANKS		
			Periods of		Monitoring	Monitoring	
Type of Limit	Citation of	FE	Deviation	i l	Requirement	Frequency	Monitoring Type
	Limit	Y/N		Limit	Citation	(P/C/N)	
POC	BAAQMD	Y	None	PSV set within 10% of max	BAAQMD	P/twice per	Inspection
	8-5-303.1			pressure or 25.8 mmHg	8-5-403 &	year at 4 to 8	
				(0.5 psia	8-5-404	months interval	Certification
POC	BAAQMD 8-	Y	None	Gasket cover ≤ 0.32 cm	BAAQMD	P/twice per	Inspection
	320.3.1			(1/8 in) gap	8-5-402.3 &	year at 4 to 8	-
1				, ,,,,	8-5-404	months interval	Certification
POC	BAAQMD 8-	Y	None	Inaccessible opening no	BAAQMD	P/twice per	Inspection
	320.3.2			visible gap	8-5-402.3 &	year at 4 to 8	<b>'</b>
		1 1			8-5-404	months interval	Certification
POC	BAAQMD 8-	Y	None	Solid sampling or gauging	BAAQMD	P/twice per	Inspection
, , , ,	5-320.4.2			wells in closed position	8-5-402.3 &	year at 4 to 8	
	• • • • • • • • • • • • • • • • • • •			with cover, seal or lid <	8-5-404	months interval	Certification
		1 1		0.32 cm (1/8 in)			
POC	BAAQMD 8-	Y	None	Solid sampling or gauging	BAAQMD	P/twice per	Inspection
	5-320.4.3	1 '	******	wells: Gap between well	8-5-402.3 &	year at 4 to 8	
				and roof shall be added to	8-5-404	months interval	Certification
i				gaps measured ≤ 1.3 cm			
				(1/2 in)	ł		
POC	BAAQMD 8-	Y	None	Slotted sampling or	BAAQMD	P/twice per	Inspection
	5-320.5.2			gauging wells in closed	8-5-402.2 &	year at 4 to 8	,
				position with cover, seal or	8-5-404	months interval	Certification
				lid ≤ 1.3 cm (1/2 in)			
POC	BAAQMD 8-	Y	None	Slotted sampling or	BAAQMD	P/twice per	Inspection
	5-320.5.3	1 1		gauging wells: Ğap	8-5-402.2 &	year at 4 to 8	· ·
				between well and roof shall	8-5-404	months interval	Certification
				be added to gaps			
	1	1		measured ≤ 1.3 cm (1/2 in)			
POC	BAAQMD 8-	Y	None	Emergency roof drain with	BAAQMD	P/twice per	Inspection
	5-320.6	1		slotted membrane fabric	8-5-402 &	year at 4 to 8	
		1		cover ≥ 90% opening area	8-5-404	months interval	Certification
POC	BAAQMD 8-	Y	None	No holes, tears or other	BAAQMD	P/twice per	Inspection
·	5-321.1	1	•	openings in the primary	8-5-402.2 &	year at 4 to 8	1
		1 1		seal fabric	8-5-404	months interval	Certification

## Table VII - M Applicable Limits and Compliance Monitoring Requirements S-81, S-82, AND S-83 - INTERNAL FLOATING ROOF TANKS

	T		Periods of	AND S-83 - INTERNAL FLOATING	Monitoring	Monitoring	
Type of Limit	Citation of Limit	FE Y/N	Deviation	Limit	Requirement Citation	Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-	Y	None	Primary seal metallic shoe	BAAQMD	(PICIN)	
POC I	5-321.2	l ' l	None	or liquid mounted type	8-5-402.1	₽/10 yr	Inspection
	5-321.2			or liquid mounted type	8-5-404		Certification
		<del></del>		<u> </u>		P/10 yr	Certification
POC	BAAQMD 8-	Y	None	Primary seal metallic shoe	BAAQMD	D/40	1
	5-321.3	1 1		extends minimum 61 cm	8-5-401,	P/10 yr	Inspection
	1			(24 in) for external floating	8-5-404	P/10 yr	Certification
	İ			and 18 in for internal			
		l l		floating roof tank above			
		l l.		liquid surface		-	
POC	BAAQMD 8-	Y	None	Gap between shoe and	BAAQMD		
	5-321.3.1			tank shell is no greater	8-5-401,	P/10 yr	Inspection
				than 46 cm (18 in)	8-5-404	P/10 yr	Certification
POC	BAAQMD 8-	Y	None	For welded tanks, gap	BAAQMD		
	5-321.3.2			between tank shell and the	8-5-401,	P/10 yr	Inspection
				primary seal < 3.8 cm (1	8-5- 404	P/10 yr	Certification
				1/2 in). No continuous gap		· / . • J ·	
		1 1		> 0.32 cm ((1/8 in) shall			
		1		exceed 10% of	ļ ,		
	ļļ			circumference. The			
	[			cumulative length of all			
				seal gaps exceeding 1.3			
		1 1			İ		
		1 1		cm (1/2 in) < 10% of			
		1 1		circumference and the			
		1 1		cumulative length of all			
				seal gaps exceeding 0.32			
	l l	1		cm (1/8 in) < 40% of	i		
	I	<del> </del>		circumference	21122	5.0	
POC	BAAQMD 8-	Y	None	No holes, tears, or other	BAAQMD	P/twice per	Inspection
	5-322.1	1 1		openings	8-5-402.2 &	year at 4 to 8	
		<u> </u>			8-5-404	months interval	Certification
POC	BAAQMD 8-	Y	None	Secondary seal shall allow	BAAQMD		
	5-322.2	!!		insertion up to 3.8 cm (1 1/2	8-5-402, &	P/10 yr	Inspection
	<b> </b>			in) in width	8-5-404	P/10 yr	Certification
POC	BAAQMD 8-	Y	None	Gap between tank shell	BAAQMD		·
	5-322.3	1		and the secondary seal	8-5-402, &	P/10 yr	Inspection
	1	1 1		shall not exceed 1.3 cm	8-5-404	P/10 yr	Certification
				(1/2 in)		· ·	
POC	BAAQMD 8-	Y	None	Tank ≥ 75 m³, tank	None	N	None
	5-328.1.1			cleaning shall have liquid			
		1 I		balancing with ≤ 0.5 psia			
POC	BAAQMD 8-	T 🕆 T	None	Tank ≥ 75 m³, Tank	BAAQMD	P/A	Source Test
	5-328.1.2	1 ' 1	110110	cleaning 90% control, POC	8-5-502	1 // `	000,00 ,000
	0 020.1.2			concentration < 10,000	00002	ļ	
	ľ			ppm			
POC	Subpart Kb	Y	None	No holes, tears or other	40 CFR	P/A/	Inspection
100	40 CFR	1 ' 1	NOTIC		60.113b(a)	E (emptied and	IIISPECTION
	60.113b			openings			
		1 1		l	(4)	degassed)	
DO0	(a)(2)	1 2 1	Mana	O4 O44 Any for all access	DAAOND	5/4	December
POC	BAAQMD	Y	None	94.811 tpy for all sources	BAAQMD	P/A	Records
	Condition #				Condition # 1253,	ĺ	
	1253, part	1			part IIID	ĺ	
	IB	$\sqcup$		<b>1</b>		ļ	
POC	BAAQMD	Y	None	Non-exempt organic liquids	BAAQMD	P/M	Records
	Condition #			throughput ≤ 453.6 million	Condition #	1	
	22788, part	1 1		gal/yr for S-81, 82, and 83	22788, part 7		
	1						
POC	BAAQMD	Y	None	Gasoline or other organic	BAAQMD	P/M	Records
	Condition #			liquids POC emission ≤	# 22788, part 7	1	
	22788, part	1		13,591 lb/yr for S-81, 82,	, <u>, , , , , , , , , , , , , , , , , , </u>	ĺ	

## Table VII – M Applicable Limits and Compliance Monitoring Requirements S-81, S-82, AND S-83 - INTERNAL FLOATING ROOF TANKS

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD Condition # 22788, part 3	Y	None	S-81, 82, and 83 shall be abated by liquid mounted primary seal, and rim mounted secondary seal	BAAQMD 8-5-305	С	Install internal floating roof
POC	BAAQMD Condition # 22788, part 4	N	None	Benzene concentration < 1.4 % wt.	BAAQMD Condition # 22788, part 4	P/6 months	Sample
% circumference	BAAQMD 8- 5-4022	Υ	None	Inspect entire circumference of secondary seal	BAAQMD 8-5-402.2	P/4 times per year	Inspection

### Table VII - N Applicable Limits and Compliance Monitoring Requirements S-84, S-85, S-86, S-87, S-88, S-89, AND S-90 - INTERNAL FLOATING ROOF TANKS

Type of Limit	Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8-5-303.1	Y	None	PSV set within 10% of max pressure or 25.8 mmHg (0.5 psia	BAAQMD 8-5-403 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8- 320.3.1	Y	None	Gasket cover ≤ 0.32 cm (1/8 in) gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection  Certification
POC	BAAQMD 8- 320.3.2	Y	None	Inaccessible opening no visible gap	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8- 5-320.4.2	Y	None	Solid sampling or gauging wells in closed position with cover, seal or lid ≤ 0.32 cm (1/8 in)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8- 5-320.4.3	Y	None	Solid sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1:3 cm (1/2 in)	BAAQMD 8-5-402.3 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8- 5-320.5.2	Y	None	Slotted sampling or gauging wells in closed position with cover, seal or lid ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8- 5-320.5.3	Y	None	Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in)	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8- 5-320.6	Y	None	Emergency roof drain with slotted membrane fabric cover ≥ 90% opening area	BAAQMD 8-5-402 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8- 5-321.1	Y	None	No holes, tears or other openings in the primary seal fabric	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8- 5-321.2	Y	None	Primary seal metallic shoe or liquid mounted type	BAAQMD 8-5-402.1 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8- 5-321.3	Y	None	Primary seal metallic shoe extends minimum 61 cm (24 in) for external floating and 18 in for internal floating roof tank above liquid surface	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification

# Table VII – N Applicable Limits and Compliance Monitoring Requirements S-84, S-85, S-86, S-87, S-88, S-89, AND S-90 - INTERNAL FLOATING ROOF TANKS

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD 8- 5-321.3.1	Y	None	Gap between shoe and tank shell is no greater than 46 cm (18 in)	BAAQMD 8-5-401, 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8- 5-321.3.2	Ÿ	None '	For welded tanks, gap between tank shell and the primary seal < 3.8 cm (1 1/2 in). No continuous gap > 0.32 cm ((1/8 in) shall exceed 10% of circumference. The cumulative length of all seal gaps exceeding 1.3 cm (1/2 in) < 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) < 40% of circumference	BAAQMD 8-5-401, 8-5- 404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8- 5-322.1	Y	None	No holes, tears, or other openings	BAAQMD 8-5-402.2 & 8-5-404	P/twice per year at 4 to 8 months interval	Inspection Certification
POC	BAAQMD 8- 5-322.2	Ý	None	Secondary seal shall allow insertion up to 3.8 cm (1 ½ in) in width	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8- 5-322.3	Y	None	Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in)	BAAQMD 8-5-402, & 8-5-404	P/10 yr P/10 yr	Inspection Certification
POC	BAAQMD 8- 5-328.1.1	Y	None	Tank ≥ 75 m³, tank cleaning shall have liquid balancing with ≤ 0.5 psia	None	N	None
POC	BAAQMD 8- 5-328.1.2	Y	None	Tank ≥ 75 m³, Tank cleaning 90% control, POC concentration < 10,000 ppm	BAAQMD 8-5-502	P/A	Source Test
POC	Subpart Kb 40 CFR 60.113b (a)(2)	Y	None	No holes, tears or other openings	40 CFR 60.113b(a) (4)	P/A/ E (emptied and degassed)	Inspection
POC	BAAQMD Condition # 1253, part IB	Y	None	94.811 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
POC	BAAQMD Condition # 23338, part 1	Υ	None	Non-exempt organic liquids throughput ≤ 856.8 million gal/yr for S-84 through 90	BAAQMD Condition # 23338, part 7	P/M	Records
POC	BAAQMD Condition # 23338, part 2	Υ	None	Gasoline or other organic liquids POC emission ≤ 33,178 lb/yr for S-84 through 90	BAAQMD # 23338, part 7	P/M	Records
POC	BAAQMD Condition # 23338, part 3	Υ	None	S-84 through 90 shall be abated by liquid mounted primary seal, and rim mounted secondary seal	BAAQMD 8-5-305	С	Install internal floating roof
POC	BAAQMD Condition # 23338, part 4	N	None	Benzene concentration < 1.4 % wt.	BAAQMD Condition # 23338, part 4	P/6 months	Sample
% circumference	BAAQMD 8- 5-4022	Ŷ	None	Inspect entire circumference of secondary seal	BAAQMD 8-5- 402.2	P/4 times per year	Inspection

### Table VII - O A-1- Thermal Oxidizer

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
SO2	BAAQMD Regulation 9-1-301	Y	None	GLC > 0.5 ppm continuously for 3 consecutive minutes or 0.25 ppm averaged over 60 consecutive minutes or 0.05 ppm averaged over 24 hrs	None	N	
SO2	SIP BAAQMD Regulation 9-1-302	Y	None	≤300 ppm SO2, dry	None	Z	
SO2	BAAQMD Condition # 1253, part IB	Y	None	83.5 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
NOx	BAAQMD Condition # 1253, part IB	Ÿ	None	129.5 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
со	BAAQMD Condition # 1253, part IB	Y	None	52.2 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
POC	BAAQMD Condition # 1253, part 1B	Y	None	94.811 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records
FP	BAAQMD 6-310.3	Y	None	Particulate Matter < 343 mg per dscm (0.15 gr/dscf)	None	N	N
FP	BAAQMD Condition # 1253, part IB	Y	None	25.8 tpy for all sources	BAAQMD Condition # 1253, part IIID	P/A	Records

## Table VII - P

FACILITY									
Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type		
FP	BAAQMD Regulation 6-301	Y	None	Ringelmann 1 Limitation	BAAQMD Regulation 6-401	С	Visible Inspection		
SO2	BAAQMD Regulation 9-1-301	Y	None	GLC > 0.5 ppm continuously for 3 consecutive minutes or 0.25 ppm averaged over 60 consecutive minutes or 0.05 ppm averaged over 24 hrs	None	N	Fuel Type		
POC	BAAQMD Condition # 1253, part 1B	Y	None	94.811 tpy for all sources (except S-74 and S-75 Diesel IC Emergency Generator)	BAAQMD Condition # 1253, part IIID	P/A	Records		

### Table VII - P FACILITY

Type of Limit	Citation of Limit	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
NOx	BAAQMD Condition # 1253, part IB	Y	None	129.5 tpy for all sources (except S-74 and S-75 Diesel IC Emergency Generator)	BAAQMD Condition # 1253, part IIID	P/A	Records
со	BAAQMD Condition # 1253, part IB	Y	None	52.2 tpy for all sources (except S-74 and S-75 Diesel IC Emergency Generator)	BAAQMD Condition # 1253, part IIID	P/A	Records
SO2	BAAQMD Condition # 1253, part IB	Y	None	83.5 tpy for all sources (except S-74 and S-75 Diesel IC Emergency Generator)	BAAQMD Condition # 1253, part IIID	P/A	Records
FP	BAAQMD Condition # 1253, part IB	Y	None	25.8 tpy for all sources (except S-74 and S-75 Diesel IC Emergency Generator)	BAAQMD Condition # 1253, part IIID	P/A	Records

### Table VII - Q COMPONENTS

Type of Limit	Emission Limit Citation	FE Y/N	Periods of Deviation	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
POC	BAAQMD Regulation 8-18-301	Y	None	Equipment leaks ≤ 100 ppm, except for valves, pumps, compressors, connections and pressure relief devices	BAAQMD Regulation 8-18-401	P/Q	Portable hydrocarbon detector, records
POC	BAAQMD Regulation 8-18-302	Y	None	Valves leaks ≤ 100 ppm	BAAQMD Regulation 8-18-401	P/Q	Portable hydrocarbon detector, records
POC	BAAQMD Regulation 8-18-303	Y	None	Pump, compressor leaks < 500 ppm	BAAQMD Regulation 8-18-401	P/Q	Portable hydrocarbon detector, records
POC	BAAQMD Regulation 8-18-304	N	None	Connection leaks ≤ 100 ppm	BAAQMD Regulation 8-18-401	P/Q	Portable hydrocarbon detector, records
POC	BAAQMD Regulation 8-18-305	Y	None	Pressure relief valves ≤ 500 ppm	BAAQMD Regulation 8-18-401	P/Q	Portable hydrocarbon detector, records
POC	BAAQMD Regulation 8-18-306.1	Y	None	Non-repairable be replaced within 5 years or at next scheduled turnaround	None	N	
POC	BAAQMD Regulation 8-18-306.2	Y	None	Number awaiting repair < 0.5% valves, 1% pressure relief valves, 1% pump and compressor	None	N	
POC	BAAQMD Regulation 8-18- 306.3.2	Y	None	Valves < 0.1 lb/day and number awaiting repair (NAR) < 1.0%; Pressure relief valves < 0.2 lb/day and (NAR) < 5%; Pumps, compressors < 0.2 lb/day and (NAR) < 5%;	None		
POC	SIP BAAQMD Regulation 8-18-302	Y	None	Valves <u>&lt;</u> 100 ppm	SIP BAAQMD Regulation 8-18-401	P/Q	Portable hydrocarbon detector, records

### Pacific Atlantic Terminals - Martinez Terminal - Facility #A7034 Semi-Annual Monitoring Report

Period: 1 SEP 13 Through 28 FEB 14

### Table VII - Q COMPONENTS

	Emission		Periods			Monitoring	
Type of	Limit	FE	of		Monitoring	Frequency	1
Limit	Citation	Y/N	Deviation	Limit	Requirement Citation	(P/C/N)	Monitoring Type
POC	SIP BAAQMD Regulation 8-18-303	Y	None	Connectors ≤ 100 ppm	SIP BAAQMD Regulation 8-18-401	P/Q	Portable hydrocarbon detector, records
POC	SIP BAAQMD Regulation 8-18-304	Y	None	Non repairable valves ≤ 05 %	SIP BAAQMD Regulation 8-18-401	P/Q	Portable hydrocarbon detector, records
POC	SIP BAAQMD Regulation 8-25-302	Y	None	Pumps <u>&lt;</u> 500 ppm	SIP BAAQMD Regulation 8-25-401	P/Q	Portable hydrocarbon detector, records
POC	SIP BAAQMD Regulation 8-25-303	Y	None	Compressors ≤ 500 ppm	SIP BAAQMD Regulation 8-25-401	P/Q	Portable hydrocarbon detector, records
POC	SIP BAAQMD Regulation 8-25-304.1	Y	None	Pumps and compressors repair or replaced within 5 years or at the next scheduled turnaround	SIP BAAQMD Regulation 8-25-401	P/Q	Portable hydrocarbon detector, records
POC	SIP BAAQMD Regulation 8-25-304.2	Y	None	Non repairable pumps and compressors ≤ 1 %	SIP BAAQMD Regulation 8-25-401	P/Q	Portable hydrocarbon detector, records
POC	SIP BAAQMD Regulation 8-18-305	Y	None	New replaced pumps and compressor ≤ 500 ppm for 4 consecutive quarters	SIP BAAQMD Regulation 8-25-401	P/Q	Portable hydrocarbon detector, records
POC	SIP BAAQMD Regulation 8-25-306	Y	None	Repeat leakers ≤ 2 times in 12 months	SIP BAAQMD Regulation 8-25-401	P/Q	Portable hydrocarbon detector, records
POC	Subpart R 40 CFR 63.424(a)	Y	None	Vapor tight	40 CFR 63.563(a)(4)	P/A	Leak test

### **LEGEND**

A = annual C = continuous

CO = carbon monoxide

D = daily E = event

FP = filterable particulate

M = monthly

N = no monitoring P = periodic

POC = precursor organic compound

Q = quarterly SA = semiannually

SIP = State Implementation Plan

 $SO_2$  = sulfur dioxide